

SERINE PROTEASE PRIMERS

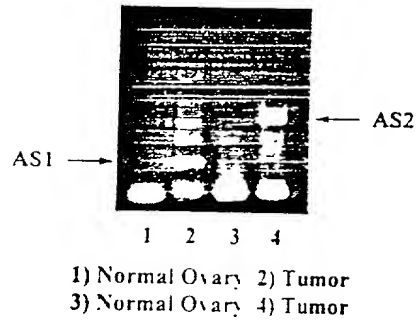


FIGURE 1

Figure 1 displays five Northern blot panels showing the expression of different genes across five samples: Normal Ovary, Serous Carcinoma, Mucinous Carcinoma, Endometrioid Carcinoma, and Clear Cell Carcinoma. The blots are labeled on the right with the gene names and their corresponding molecular weights on the left.

- Hsp27:** Molecular weights 1.85kb and 2.0kb are indicated. Hsp27 expression is detected in all cancer samples (Serous, Mucinous, Endometrioid, and Clear Cell Carcinoma) but is absent in the Normal Ovary sample.
- SCCE:** Molecular weights 2.0kb and 1.2kb are indicated. SCCE expression is detected in all cancer samples (Serous, Mucinous, Endometrioid, and Clear Cell Carcinoma) but is absent in the Normal Ovary sample.
- Pump-1:** A molecular weight of 1.1kb is indicated. Pump-1 expression is detected in all cancer samples (Serous, Mucinous, Endometrioid, and Clear Cell Carcinoma) but is absent in the Normal Ovary sample.
- TADG14:** A molecular weight of 1.4kb is indicated. TADG14 expression is detected in all cancer samples (Serous, Mucinous, Endometrioid, and Clear Cell Carcinoma) but is absent in the Normal Ovary sample.
- β-tubulin:** This blot serves as a loading control and shows consistent expression across all five samples (Normal Ovary, Serous, Mucinous, Endometrioid, and Clear Cell Carcinoma).

FIGURE 2

FOR 880660

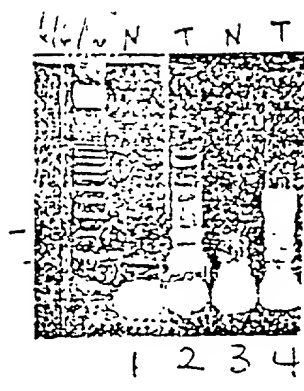


FIGURE 3

A black and white photograph showing a highly textured, granular surface. Five vertical rectangular features are visible, each labeled with a number from 1 to 5. The labels are handwritten and positioned below the features. The features themselves appear to be small, upright structures or indentations on the surface.

FIGURE 4

FIGURE 5

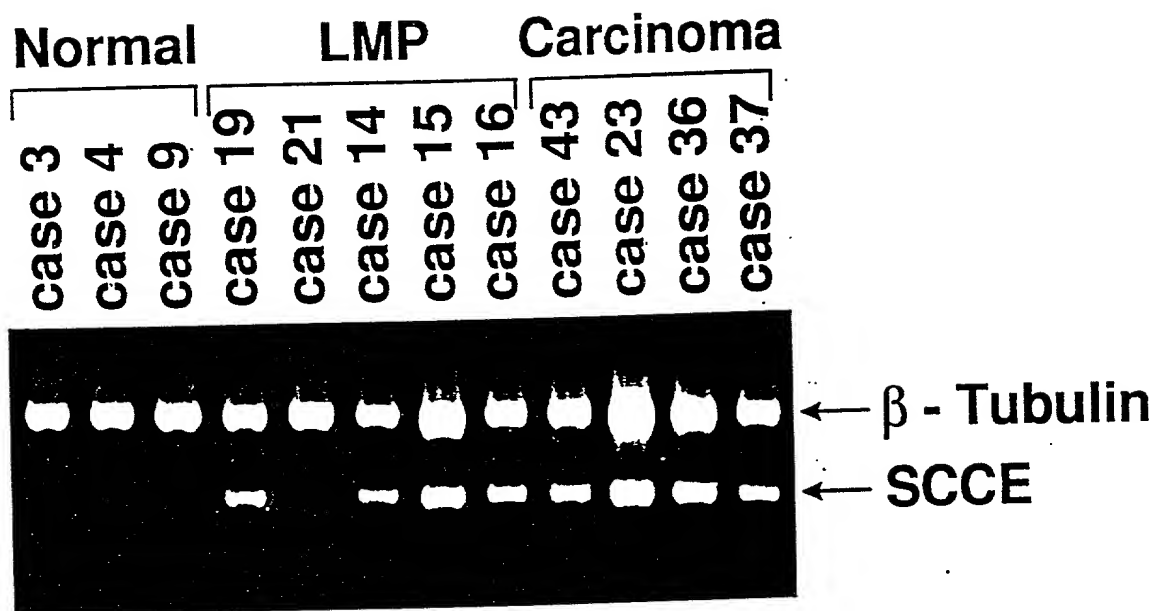


FIGURE 6

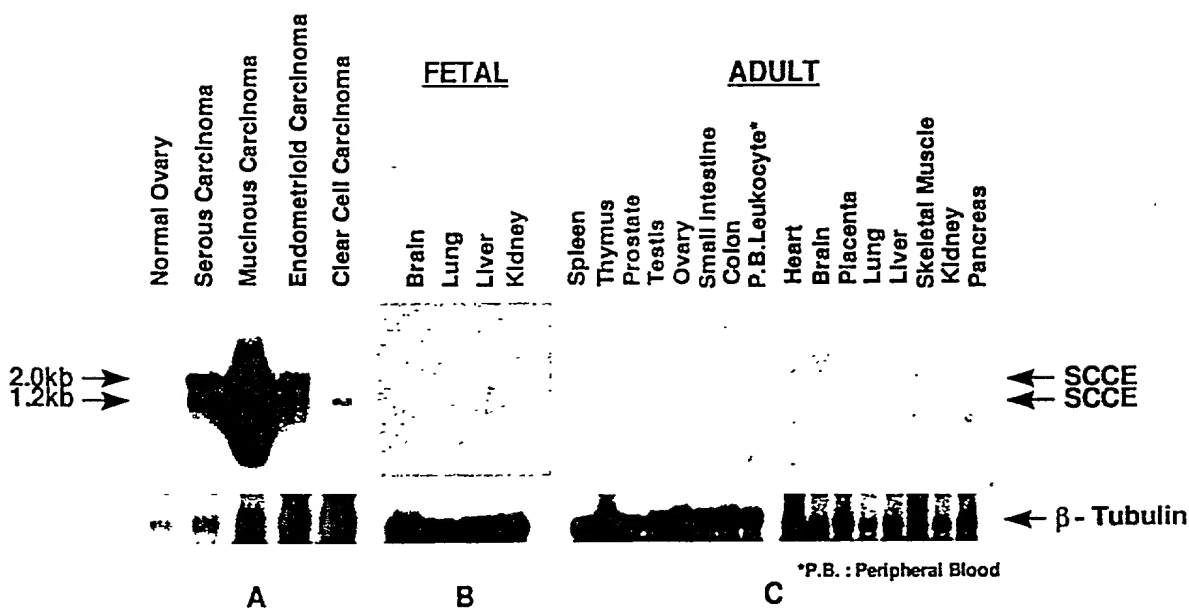


FIGURE 7

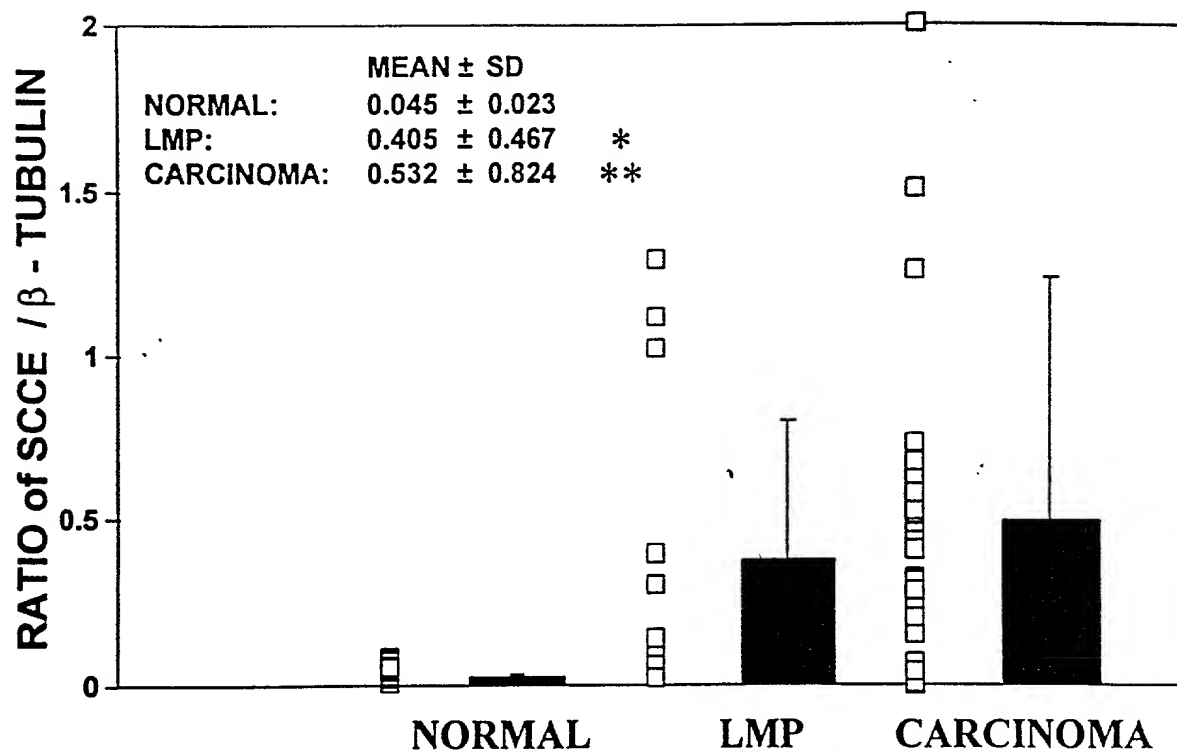


FIGURE 8

Pre-immune
Serum

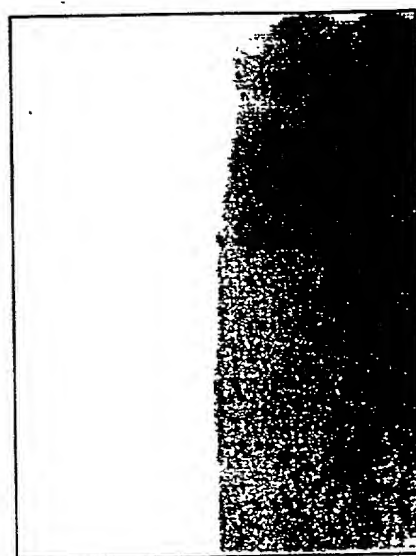
Anti-
SCCE

1

2

3

4



← 30 kDa

FIGURE 9

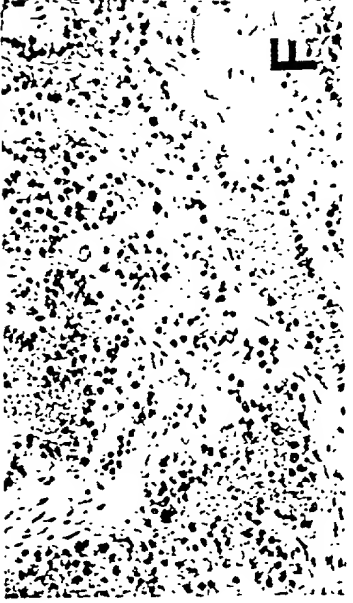
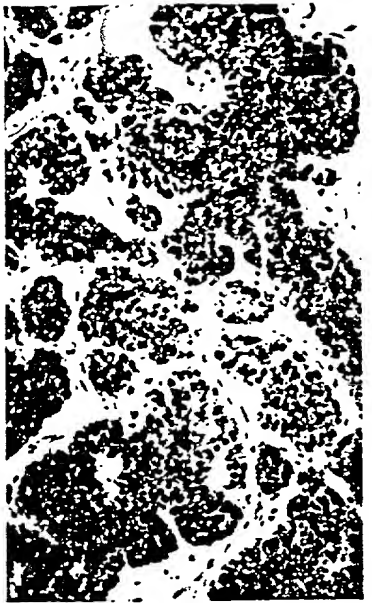


FIGURE 10

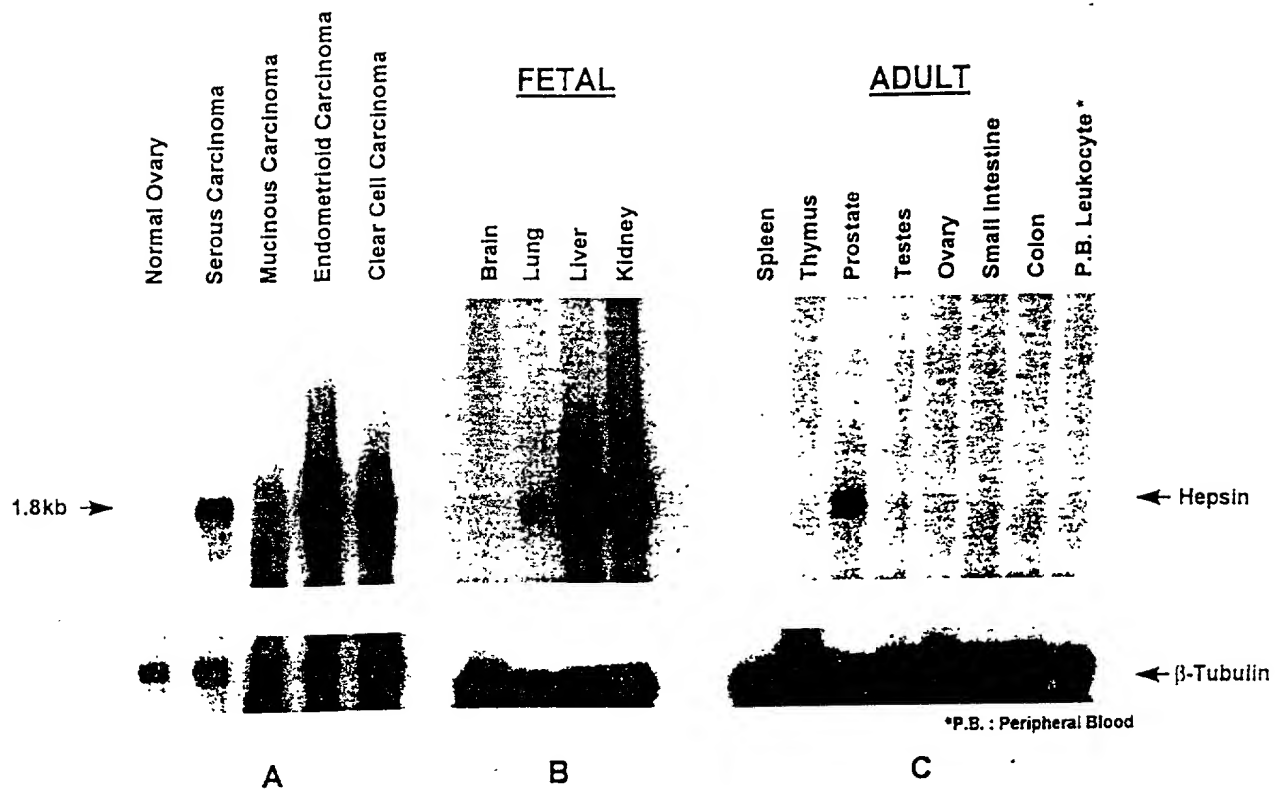
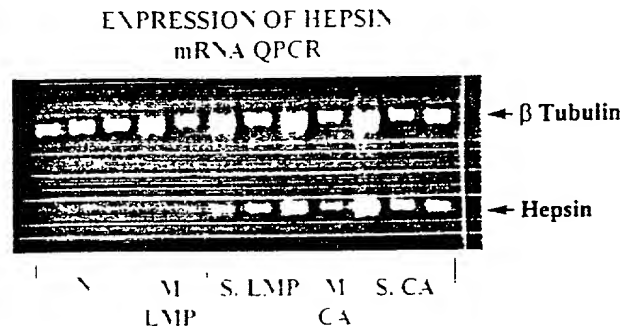


FIGURE 11

A



B

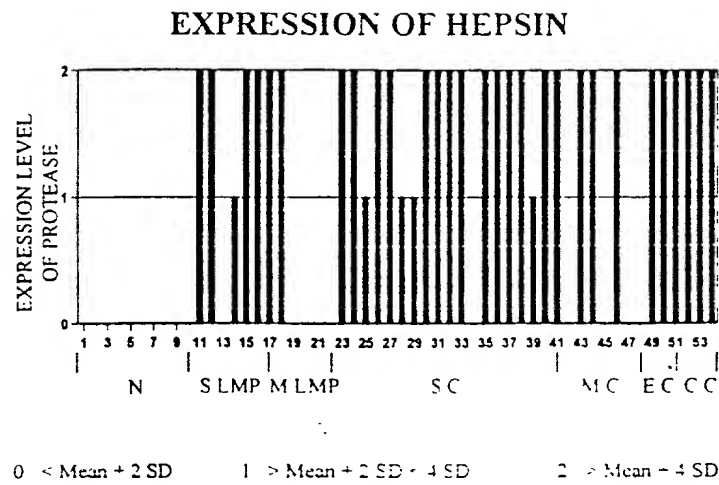


FIGURE 12

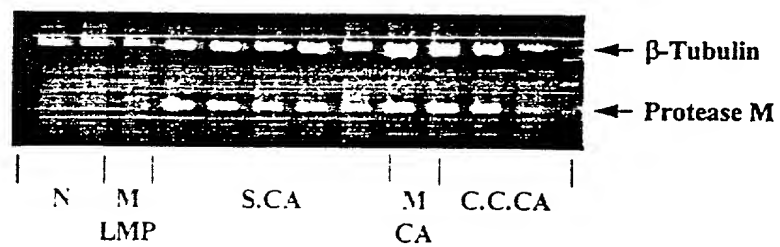


FIGURE 13

TADG12

1. ↓ .15
 VVTAAHCVYDLYLPK

16 .30
 SWTIQVGLVSLLDNP ↓ indicates the site of insert in TADG12

31 .45 H & D are the conserved regions of
 APSHLVEKIVYHSKY Serine protease.

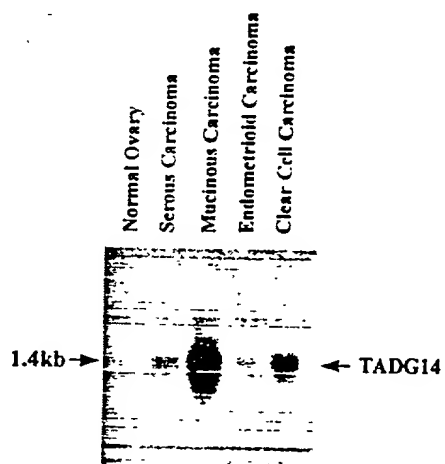
46 57
 KPKRLGNDIALL

1 6 10 53 57
 --- H CVY D LYI --- D ---
 ↑
 site of 133 bp insert in TADG12

FIGURE 14

050503-07444
 10/1/2008 10:50:50

A



B

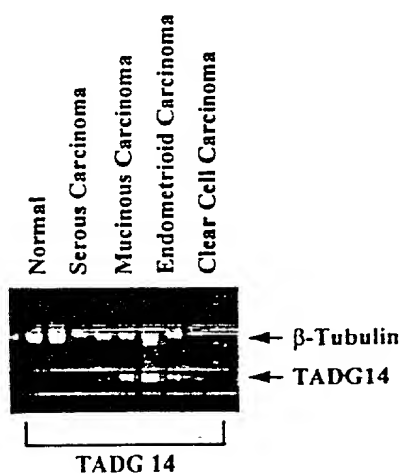


Figure 1: Northern blot analysis of Pump-1 expression.

Panel A: Ovarian Cancer

Sample	Pump-1 (1.1 kb)	β -Tubulin
Normal Ovary	Weak band	Strong band
Serous Carcinoma	Strong band	Strong band
Mucinous Carcinoma	Strong band	Strong band
Endometrioid Carcinoma	Strong band	Strong band
Clear Cell Carcinoma	Strong band	Strong band

Panel B: Fetal Tissues

Tissue	Pump-1 (1.1 kb)	β -Tubulin
Brain	Weak band	Strong band
Lung	Weak band	Strong band
Liver	Weak band	Strong band
Kidney	Weak band	Strong band

Panel C: Adult Tissues

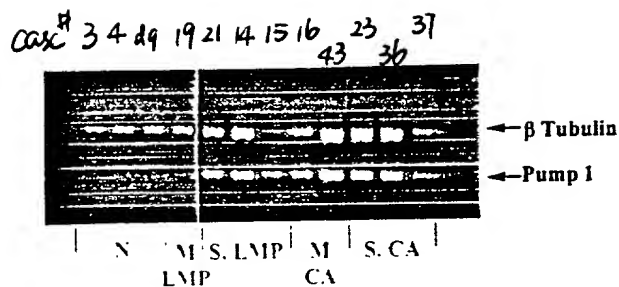
Tissue	Pump-1 (1.1 kb)	β -Tubulin
Spleen	Weak band	Strong band
Thymus	Weak band	Strong band
Prostate	Weak band	Strong band
Testis	Weak band	Strong band
Ovary	Weak band	Strong band
Small Intestine	Weak band	Strong band
Colon	Weak band	Strong band
P.B. Leukocyte*	Weak band	Strong band

*P.B. : Peripheral Blood

FIGURE 16

FOUO 2006050600

A



B

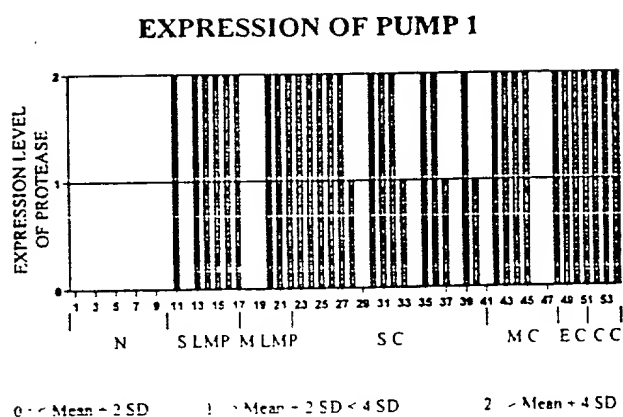


FIGURE 17

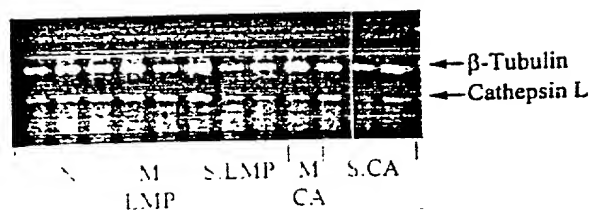


FIGURE 18

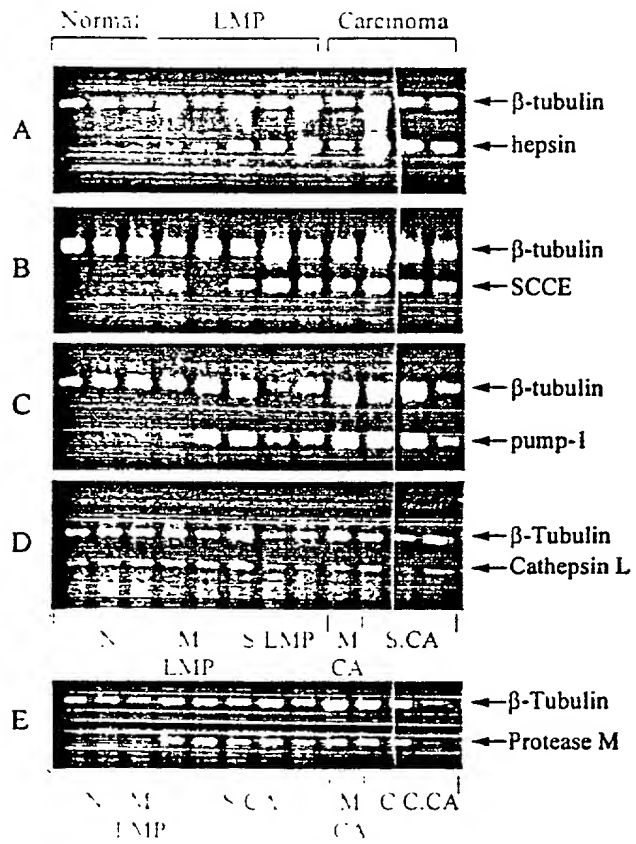


FIGURE 19